

REVIEW

OF

APPLIED MYCOLOGY

MARCH

SUPPLEMENT 10

1945

Abaphospora pachytheca Kirschstein in *Hedwigia*, lxxxi, p. 194, 1944 on dead *Robinia pseud-acacia*.—Germany.

— **suecica** Kirschstein in *Hedwigia*, lxxxi, p. 194, 1944 on *Crataegus monogyna*.—Sweden.

***Acremonium cinnabarinum** A. & R. Sartory in *C.R. Acad. Sci., Paris*, ccxvi, p. 391, 1943 on man [*Homo sapiens*].—France.

Actinomyces caballi Morquer & Comby in *C.R. Soc. Biol., Paris*, cxxxvi, p. 703, 1942 on the horse [*Equus caballus*].—France.

Aecidium coutareae Kern & Thurston in *Mycologia*, xxxvi, p. 505, 1944 on *Coutarea hexandra*.—Venezuela.

— **hymenocallidis** (as 'hymemocallidis') Kern & Thurston in *Mycologia*, xxxvi, p. 505, 1944 on *Hymenocallis* aff. *caribaea*.—Venezuela.

Agaricus campestris Fr. var. **bisporus** Kligman in *Amer. J. Bot.*, xxx, p. 746, 1943 [based on the cultivated mushroom].

— **eastlandensis** A. H. Smith in *Mycologia*, xxxvi, p. 244, 1944.—Texas, U.S.A.

— **vinaceo-umbrinus** A. H. Smith in *Mycologia*, xxxvi, p. 242, 1944.—Texas, U.S.A.

Aleurodiscus canadensis Skolko in *Canad. J. Res.*, Sect. C, xxii, p. 258, 1944 on *Picea canadensis*.—Quebec, Canada.

Alternaria carthami Chowdhury in *J. Indian bot. Soc.*, xxiii, p. 65, 1944 on *Carthamus tinctorius*.—India.

— **dauci** (Kühn) Groves & Skolko in *Canad. J. Res.*, Sect. C, xxii, p. 222, 1944. (Syn. *Sporidesmium exitiosum* Kühn var. *dauci* Kühn).

— **linicola** Groves & Skolko in *Canad. J. Res.*, Sect. C, xxii, p. 223, 1944 in seeds of *Linum usitatissimum*.—Canada.

— **raphani** Groves & Skolko in *Canad. J. Res.*, Sect. C, xxii, p. 227, 1944 in seeds and seed pods of *Raphanus sativus*.—Canada.

— **stemphylioides** Bliss in *Mycologia*, xxxvi, p. 538, 1944 on *Phoenix dactylifera*.—California, U.S.A.

ANTHOSEPTOBASIDIUM Rick in *Lilloa*, ix, p. 215, 1943.—Auriculariales.

— **aureum** Rick in *Lilloa*, ix, p. 216, 1943 on dead bark.—South America.

— **faquarae** Rick in *Lilloa*, ix, p. 215, 1943 in 'Faquara mortua'.—South America.

Arthrobotrys entomopaga Drechsler in *Mycologia*, xxxvi, p. 392, 1944 on *Sminthurides* and nematodes.—Virginia, U.S.A.

***Aspergillus septatus** A. & R. Sartory in *C.R. Acad. Sci., Paris*, ccxvi, p. 428, 1943 on man [*Homo sapiens*].—France.

Asterina solanacearum Garcés Orejuela in *Mycologia*, xxxvi, p. 448, 1944 on *Solanum*.—Colombia.

Asterinella bredemeyerae Garcés Orejuela

in *Mycologia*, xxxvi, p. 443, 1944 on *Bredemeyera lucida*.—Venezuela.

BAEOSTRATOPORUS, in error as *Baeos-tratosporus* on p. 98.

Bagnisiopsis miconicola Garcés Orejuela in *Mycologia*, xxxvi, p. 456, 1944 on *Miconia squamulosa*.—Colombia.

***Balansia oryzae** (Syd.) Narasimhan & Thirumalachar in *Curr. Sci.*, xii, p. 276, 1943. (Syn. *Ephelis oryzae* Syd.).

Basidioidendron griseo-granulatum Rick in *Lilloa*, ix, p. 217, 1943 on dead bark.—South America.

Blastomyces brasiliensis (Splendore) Conant & Howell in *Proc. Soc. exp. Biol., N.Y.*, xlvi, p. 428, 1941. [Syn. *Oocidioides brasiliensis* Splendore].

BLENNORELLA Kirschstein in *Hedwigia*, lxxxi, p. 201, 1944.—? Melanconiales.

— **canescens** Kirschstein in *Hedwigia*, lxxxi, p. 202, 1944 on dead *Aesculus hippocastanum*.—Germany.

Boletinus amabilis (Peck) Snell apud Slipp & Snell in *Lloydia*, vii, p. 17, 1944. (Syn. *Boletus amabilis* Peck).

BOLETOCHAETE Singer in *Mycologia*, xxxvi, p. 358, 1944.—Boletaceae. Type, *B. spinifera*.

— **brunneosetosa** Singer in *Mycologia*, xxxvi, p. 359, 1944.—Liberia.

— **spinifera** (Pat. & Baker) Singer in *Mycologia*, xxxvi, p. 359, 1944. (Syn. *Boletus spinifer* Pat. & Baker).

BROCHOSPORA Kirschstein in *Hedwigia*, lxxxi, p. 204, 1944.—Pyrenomycetes.

— **fimetaria** (de Not.) Kirschstein in *Hedwigia*, lxxxi, p. 204, 1944. (Syn. *Sporormia fimetaria* de Not.).

Bubakia venezuelana Kern & Thurston in *Mycologia*, xxxvi, p. 506, 1944 on *Croton*.—Venezuela.

CALLISTOSPORIUM Singer in *Mycologia*, xxxvi, p. 363, 1944.—'Tricholomataceae'. Type, *C. palmarum*.

— **heimii** (Sing.) Singer in *Mycologia*, xxxvi, p. 363, 1944. (Syn. *Collybia heimii* Sing.).

— **palmarum** (Murr.) Singer in *Mycologia*, xxxvi, p. 363, 1944. (Syn. *Gymnopilus palmarum* Murr.).

— **psilocybe** Murrill & Singer apud Singer in *Mycologia*, xxxvi, p. 363, 1944.—Florida, U.S.A.

Calloria melaena Kirschstein in *Hedwigia*, lxxi, p. 198, 1944 on old wood of alder.—Germany.

Catenochytrium laterale Hanson in *Torreya*, xlv, p. 32, 1944 on old grasses, &c.—Connecticut, U.S.A.

CATENOMYCES Hanson in *Torreya*, xlv, p. 30, 1944.—Chytridiales.

—**persicinus** Hanson in *Torreya*, xlv, p. 30, 1944 on old grasses, &c.—Connecticut, U.S.A.

Ceratobasidium album Rick in *Lilloa*, ix, p. 219, 1943 on wood.—South America.

—**striisporum** Rick in *Lilloa*, ix, p. 219, 1943 on decayed wood.—South America.

Cercoseptoria blephiliae Greene in *Farlowia*, i, p. 578, 1944 on *Blephilia ciliata*.—Wisconsin, U.S.A.

Cercospora alni Chupp & Greene apud Greene in *Farlowia*, i, p. 580, 1944 on *Alnus crispa*.—Wisconsin, U.S.A.

—**barbareae** (Sacc.) Chupp apud Greene in *Farlowia*, i, p. 579, 1944. (Syn. *C. nasturtii* [Pass.] var. *barbareae* Sacc.).

*—**blechi** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 37, 1942 on *Blechnum brownii*.—Venezuela.

*—**boldoae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 38, 1942 on *Salpianthus purpurascens*.—Venezuela.

—**boutelouae** Chupp & Greene apud Greene in *Farlowia*, i, p. 579, 1944 on *Bouteloua curtipendula*.—Wisconsin, U.S.A.

*—**bunchosiae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 38, 1942 on *Bunchosia glandulifera*.—Venezuela.

*—**caracasensis** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 39, 1942 on *Annona purpurea*.—Venezuela.

*—**centrosemae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 40, 1942 on *Centrosema virginianum*.—Venezuela.

*—**cestri** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 40, 1942 on *Cestrum latifolium*.—Venezuela.

*—**chirguensis** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 41, 1942 on *Curatella americana*.—Venezuela.

*—**conocarpi** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 42, 1942 on *Conocarpus erectus*.—Venezuela.

*—**cyclantherae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 43, 1942 on *Cyclanthera pedata*.—Venezuela.

*—**durantae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 43, 1942 on *Duranta missouriensis*.—Venezuela.

*—**fagopyri** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 44, 1942 on *Fagopyrum esculentum*.—Venezuela.

*—**fuchsiae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 45, 1942 on *Fuchsia*.—Venezuela.

*—**hypticolae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 47, 1942 on *Hyptis*.—Venezuela.

*—**ibatiae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 47, 1942 on *Ibatia maritima*.—Venezuela.

*—**jaguarensis** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 48, 1942 on *Solanum jaguara*.—Venezuela.

*—**lanugiflori** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 49, 1942 on *Solanum lanugiflorum*.—Venezuela.

*—**monninae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 51, 1942 on *Monnina*.—Venezuela.

*—**monochaeti** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 51, 1942 on *Monochaetum*.—Venezuela.

*—**oxalidiphila** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 52, 1942 on *Oxalis*.—Venezuela.

—**pachirae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 52, 1942 on *Pachira insignis*.—Venezuela.

*—**poincianae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 53, 1942 on *Poinciana*.—Venezuela.

*—**rauwolfiae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 54, 1942 on *Rauwolfia hirsuta*.—Venezuela.

*—**rhinocarpi** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 54, 1942 on *Anacardium rhinocarpus*.—Venezuela.

*—**salpianthi** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 55, 1942 on *Salpianthus purpurascens*.—Venezuela.

*—**samaneae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 55, 1942 on *Samanea saman*.—Venezuela.

*—**securidacae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 55, 1942 on *Securidaca*.—Venezuela.

*—**struthanthi** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 57, 1942 on *Struthanthus*.—Venezuela.

*—**torenicola** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 57, 1942 on *Torenia fournieri*.—Venezuela.

*—**tovariae** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 57, 1942 on *Tovaria pendula*.—Venezuela.

*—**uramensis** Chupp & Müller in *Bol. Soc. venez. Cienc. nat.*, viii, p. 58, 1942 on *Cleome*.—Venezuela.

CHAETOCALATHUS Singer in *Lilloa*, viii, p. 518, 1942†.—Agaricaceae. [Type species not specified.]

—**africanus** (Pat.) Singer in *Lilloa*, viii, p. 525, 1942†. (Syn. *Crinipellis africana* Pat.).

—**asperifolius** (Pat.) Singer in *Lilloa*, viii, p. 530, 1942†. (Syn. *Crinipellis asperifolia* Pat.).

—**bicolor** (Pat. & Demange) Singer in *Lilloa*, viii, p. 524, 1942†. (Syn. *Crinipellis bicolor* Pat. & Demange).

—**carnelioruber** Singer in *Lilloa*, viii, p. 526, 1942† on branches.—British Guiana.

—**congoanus** (Pat.) Singer in *Lilloa*, viii, p. 524, 1942†. (Syn. *Crinipellis congoana* Pat.).

—**craterellus** (Dur. & Lév.) Singer in *Lilloa*, viii, p. 518, 1942†. (Syn. *Agaricus craterellus* Dur. & Lév.).

—**fragilis** (Pat.) Singer in *Lilloa*, viii, p. 520, 1942†. (Syn. *Crinipellis fragilis* Pat.).

—**galeatus** (Berk. & Curt.) Singer in *Lilloa*, viii, p. 529, 1942†. (Syn. *Marasmius galeatus* Berk. & Curt.).

—**hiliputianus** (Mont.) Singer in *Lilloa*, viii, p. 527, 1942†. (Syn. *Agaricus hiliputianus* Mont.).

—**niduliformis** (Murr.) Singer in *Lilloa*, viii, p. 521, 1942†. (Syn. *Pleurotopsis niduliformis* Murr.).

—**pachytrichus** Singer in *Lilloa*, viii, p. 522, 1942† on fallen branches.—Philippine Islands.

Chalara quercina B. W. Henry in *Phytopathology*, xxxiv, p. 635, 1944 on *Quercus* spp.—Illinois, Iowa, Minnesota and Wisconsin, U.S.A.

Chytrella saxonica (Rehm) Kirschstein in *Hedwigia*, lxxxi, p. 219, 1944. (Syn. *Pezizella saxonica* Rehm).

- CILIOSIRA** Sydow in *Ann. mycol., Berl.*, xl, p. 212, 1942.—Sphaeropsidales.
- hederae** Sydow in *Ann. mycol., Berl.*, xl, p. 212, 1942 on *Hedera helix*.—Germany.
- Cintractia kobresiae** Mundkur in *Mycologia*, xxxvi, p. 291, 1944 on *Kobresia laxa*.—India.
- Clitocybe gruberi** A. H. Smith in *Mycologia*, xxxvi, p. 245, 1944.—Idaho, U.S.A.
- ***Colletotrichum lilii** Plakidas in *Phytopathology*, xxxiv, p. 568, 1944 on *Lilium longiflorum*.—Louisiana, U.S.A.
- Coniothyrium phomoides** Kirschstein in *Hedwigia*, lxxxi, p. 207, 1944 on dead *Astragalus glycyphyllos*.—Germany.
- Copelandia westii** (Murr.) Singer in *Mycologia*, xxxvi, p. 552, 1944. (Syn. *Panaeolus westii* Murr.).
- Corticium conigenum** Shear & R. W. Davidson in *Mycologia*, xxxvi, p. 296, 1944 on stump of *Quercus*.—Florida, U.S.A.
- Cortinarius albescens** A. H. Smith in *Lloydia*, vii, p. 180, 1944.—Washington State, U.S.A.
- angelesianus** A. H. Smith in *Lloydia*, vii, p. 205, 1944.—Washington State, U.S.A.
- boreasensis** A. H. Smith in *Lloydia*, vii, p. 226, 1944.—New York State, U.S.A.
- boulderensis** A. H. Smith in *Lloydia*, vii, p. 206, 1944.—Washington State, U.S.A.
- cacao-color** A. H. Smith in *Lloydia*, vii, p. 227, 1944.—Washington State, U.S.A.
- caesiellus** A. H. Smith in *Lloydia*, vii, p. 187, 1944.—Michigan, U.S.A.
- castaneicolor** A. H. Smith in *Lloydia*, vii, p. 165, 1944.—Washington State, U.S.A.
- clelandii** A. H. Smith nom. nov. in *Lloydia*, vii, p. 203, 1944. (Syn. *C. subcinnamomeus* Cleland, non Karst.).
- collinitus** Fr. var. **olympianus** A. H. Smith in *Lloydia*, vii, p. 175, 1944.—Washington State, U.S.A.
- collinitus** Fr. var. **trivialis** (Lange) A. H. Smith in *Lloydia*, vii, p. 175, 1944. (Syn. *C. trivialis* Lange).
- collinitus** Fr. var. **trivialis** (Lange) A. H. Smith f. **repandus** (Ricken) A. H. Smith in *Lloydia*, vii, p. 175, 1944. (Syn. *C. collinitus* Fr. var. **repandus** Ricken).
- collinitus** Fr. var. **typicus** 'Fr.' f. **caerulipes** A. H. Smith in *Lloydia*, vii, p. 175, 1944 (based on *C. collinitus* sensu Lange).
- corrugis** A. H. Smith in *Lloydia*, vii, p. 189, 1944.—Washington State, U.S.A.
- distans** [Peck] var. **olympianus** A. H. Smith in *Lloydia*, vii, p. 212, 1944.—Washington State, U.S.A.
- fragrans** A. H. Smith in *Lloydia*, vii, p. 201, 1944.—Washington State, U.S.A.
- fuscocodis** A. H. Smith in *Lloydia*, vii, p. 229, 1944.—Washington State, U.S.A.
- griseo-violaceus** A. H. Smith in *Lloydia*, vii, p. 167, 1944.—Washington State, U.S.A.
- hemitrichus** [(Fr.) Fr.] var. **americanus** A. H. Smith in *Lloydia*, vii, p. 213, 1944.—Washington State, U.S.A.
- luteo-brunescens** A. H. Smith in *Lloydia*, vii, p. 170, 1944.—Washington State, U.S.A.
- mucicola** A. H. Smith in *Lloydia*, vii, p. 208, 1944.—Washington State, U.S.A.
- mutabilis** A. H. Smith in *Lloydia*, vii, p. 190, 1944.—Washington State, U.S.A.
- nigrellus** [Peck] var. **occidentalis** A. H. Smith in *Lloydia*, vii, p. 214, 1944.—Washington State, U.S.A.
- orichalceus** Kauffman var. **olympianus** A. H. Smith f. **luteifolius** A. H. Smith in *Lloydia*, vii, p. 185, 1944.—Washington State, U.S.A.
- orichalceus** Kauffman var. **olympianus** A. H. Smith var. nov. f. **typicus** A. H. Smith in *Lloydia*, vii, p. 184, 1944.—Washington State, U.S.A.
- orichalceus** Kauffman var. **xanthocephalus** A. H. Smith in *Lloydia*, vii, p. 186, 1944.—Washington State, U.S.A.
- pseudo-arquatus** A. H. Smith in *Lloydia*, vii, p. 181, 1944.—Washington State, U.S.A.
- subacutus** A. H. Smith in *Lloydia*, vii, p. 230, 1944.—Washington State, U.S.A.
- subcuspidatus** A. H. Smith in *Lloydia*, vii, p. 210, 1944.—Washington State, U.S.A.
- subfoetidus** A. H. Smith in *Lloydia*, vii, p. 191, 1944.—Washington State, U.S.A.
- subolivascens** A. H. Smith in *Lloydia*, vii, p. 183, 1944.—Washington State, U.S.A.
- subpurpureus** A. H. Smith in *Lloydia*, vii, p. 211, 1944.—Washington State, U.S.A.
- superbus** A. H. Smith in *Lloydia*, vii, p. 195, 1944.—Washington State, U.S.A.
- uliginosus** Berk. var. **nauseosus** A. H. Smith nom. nov. in *Lloydia*, vii, p. 205, 1944. (Syn. *Inocybe ferruginosa* A. H. Smith).
- Crinipellis campanella** (Peck) Singer in *Lilloa*, viii, p. 492, 1942†. (Syn. *Collybia campanella* Peck).
- carecomoeis** (Berk. & Curt.) Singer in *Lilloa*, viii, p. 487, 1942†. (Syn. *Agaricus carecomoeis* Berk. & Curt.).
- carecomoeis** (Berk. & Curt.) Singer forma (monstr.) **elata** (Pat.) Singer in *Lilloa*, viii, p. 489, 1942†. (Syn. *Crinipellis elatus* Pat.).
- carecomoeis** (Berk. & Curt.) Singer var. **litseae** Singer in *Lilloa*, viii, p. 489, 1942† on dead twigs of *Litsea perrottetii*.—Philippines.
- carecomoeis** (Berk. & Curt.) Singer var. **subelata** Singer in *Lilloa*, viii, p. 488, 1942† on leaves.—New Caledonia.
- chrysochaetes** (Berk. & Curt.) Singer in *Lilloa*, viii, p. 461, 1942†. (Syn. *Marasmius chrysochaetes* Berk. & Curt.).
- diptercarpi** Singer in *Lilloa*, viii, p. 496, 1942† on fallen leaves and fruits of *Dipterocarpus crispatus*.—Tonkin.
- hirticeps** (Peck) Singer in *Lilloa*, viii, p. 491, 1942†. (Syn. *Collybia hirticeps* Peck).
- maxima** A. H. Smith & M. B. Walters in *Mycologia*, xxxvi, p. 276, 1944.—Ohio, U.S.A.
- mirabilis** Singer in *Lilloa*, viii, p. 497, 1942† on twigs.—New Caledonia.
- patouillardii** Singer in *Lilloa*, viii, p. 483, 1942† on leaves.—Bonin Islands.
- perniciosa** (Stahel) Singer in *Lilloa*, viii, p. 503, 1942†. (Syn. *Marasmius perniciosus* Stahel).
- pseudosplachnoides** (P. Henn.) Pat. apud Singer in *Lilloa*, viii, p. 510, 1942†. (Syn. *Marasmius pseudosplachnoides* P. Henn.).
- pseudostipitaria** Singer sp. nov. subsp. **occidentalis** Singer subsp. nov. in *Lilloa*, viii, p. 470, 1942† on herbs.—Guadeloupe. Type of the species.
- pseudostipitaria** Singer subsp. **orientalis** Singer in *Lilloa*, viii, p. 472, 1942† on Gramineae.—Tonkin.
- pseudostipitaria** Singer var. **mesites** Singer in *Lilloa*, viii, p. 471, 1942† on herbs.—Martinique.
- septotricha** Singer in *Lilloa*, viii, p. 468, 1942† on wood.—Guadeloupe.

- *setipes* (Peck) Singer in *Lilloa*, viii, p. 493, 1942†. (Syn. *Collybia stipitaria* [(Fr.) Gill.] var. *setipes* Peck).
- *siparunae* Singer in *Lilloa*, viii, p. 505, 1942† on living trees of *Siparuna* from South America.—U.S.S.R.
- *stipitaria* (Fr.) Pat. var. *corticalis* (Desm.) Singer in *Lilloa*, viii, p. 479, 1942†. (Syn. *Agaricus corticalis* Desm.).
- *stipitaria* (Fr.) Pat. var. *graminealis* (Lasch) Singer in *Lilloa*, viii, p. 475, 1942†. (Syn. *Agaricus graminealis* Lasch). 'Type variety'.
- *subtomentosa* (Peck) Singer in *Lilloa*, viii, p. 463, 1942†. (Syn. *Marasmius subtomentosus* Peck).
- *tomentosa* (Qué.) Singer in *Lilloa*, viii, p. 513, 1942†. (Syn. *Marasmius tomentosus* Qué.).
- Cryptospora ludwigiana** Kirschstein in *Hedwigia*, lxxxi, p. 195, 1944 on *Ilex aquifolium*.—Germany.
- Cylindrosporium triflori** Greene in *Farlowia*, i, p. 577, 1944 on *Geum triflorum*.—Wisconsin, U.S.A.
- Cymatella longipes** G. W. Martin in *Lloydia*, vii, p. 79, 1944 on bark of fallen branch.—Colombia.
- CYSTIDIODENDRON** Rick in *Lilloa*, ix, p. 218, 1943.—Hydnaceae.
- *fimbriatum* Rick in *Lilloa*, ix, p. 218, 1943 in 'Umbu putrida'.—South America.
- Dendrophoma ligustrina** Kirschstein in *Hedwigia*, lxxxi, p. 222, 1944 on dead *Ligustrum vulgare*.—Germany.
- Didymella hyoscyami** Sydow in *Ann. mycol.*, Berl., xl, p. 199, 1942 on *Hyoscyamus niger*.—Germany.
- Diplodina equisetigena** Kirschstein in *Hedwigia*, lxxxi, p. 200, 1944 on old *Equisetum hiemale*.—Germany.
- Doassansia rhinanthi** Lagerh. ex Zundel in *Mycologia*, xxxiii, p. 412, 1944 on *Rhinanthus minor*.—Germany.
- Eichleriella macrospora** (Ell. & Everh.) G. W. Martin in *Univ. Ia. Stud. nat. Hist.*, xviii, p. 48, 1944. (Syn. *Corticium macrosporum* Ell. & Everh.).
- Endoconidiophora variospora** R. W. Davidson in *Mycologia*, xxxvi, p. 304, 1944 on *Quercus montana*.—West Virginia, U.S.A.
- *virescens* R. W. Davidson in *Mycologia*, xxxvi, p. 301, 1944 on *Liriodendron tulipifera*.—Southern States, U.S.A.
- Entyloma wyomingense** Zundel in *Mycologia*, xxxvi, p. 411, 1944 on *Delphinium barbeyi*.—Wyoming, U.S.A.
- * **Exidia cokeri** Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 18, 1944 on bark.—North Carolina, U.S.A.
- Farysia ugandana** Zundel in *Mycologia*, xxxvi, p. 403, 1944 on *Carex paniculata-spicata*.—Uganda.
- FROSTIELLA** Murrill in Florida Boletes (Boletaceae)—*Mimeo. Contrib. Herb. Univ. Fla.*, p. 6, 1942.—Boletaceae. [Type not designated].
- *betula* (Schw.) Murrill in Florida Boletes (Boletaceae)—*Mimeo. Contrib. Herb. Univ. Fla.*, p. 6, 1942. (Syn. *Boletus betula* Schw.).
- *russellii* (Frost) Murrill in Florida Boletes (Boletaceae)—*Mimeo. Contrib. Herb. Univ. Fla.*, p. 6, 1942. (Syn. *Boletus russellii* Frost).
- * **Fusarium avenaceum** (Fr.) Sacc. var. *fabae* Yu in *Phytopathology*, xxxiv, p. 392, 1944 on broad bean [*Vicia faba*].—China.
- **oxysporum** Schlecht. [ex Fr.] emend. Snyder & Hansen f. **radicis-lupini** Weimer in *J. agric. Res.*, lxxviii, p. 448, 1944 on *Lupinus*.—Southeastern U.S.A.
- **solani** [(Martius) Sacc.] f. **lupini** Weimer in *J. agric. Res.*, lxxviii, p. 451, 1944 on *Lupinus angustifolius*.—Florida, U.S.A.
- Geoglossum elongatum** Tai in *Lloydia*, vii, p. 147, 1944.—Yunnan, China.
- **glabrum** Pers. var. **angustosporum** Tai in *Lloydia*, vii, p. 148, 1944.—Yunnan, China.
- **nigritum** Cooke var. **cheoanum** Tai in *Lloydia*, vii, p. 150, 1944.—Yunnan, China.
- **pusillum** Tai in *Lloydia*, vii, p. 150, 1944.—Yunnan, China.
- Gibberidea cinerea** (Karst.) Kirschstein in *Hedwigia*, lxxxi, p. 206, 1944. (Syn. *Sphaeria cinerea* Karst.).
- **hippophaes** (H. Fabre) Kirschstein in *Hedwigia*, lxxxi, p. 206, 1944. (Syn. *Melanomma hippophaes* H. Fabre).
- **lenarsii** (Westend.) Kirschstein in *Hedwigia*, lxxxi, p. 206, 1944. (Syn. *Sphaeria lenarsii* Westend.).
- **rhododendri** (Rehm) Kirschstein in *Hedwigia*, lxxxi, p. 206, 1944. (Syn. *Melanomma rhododendri* Rehm).
- * **Gloeotulasnella cystidiocarpa** Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 23, 1944 on old wood.—North Carolina, U.S.A.
- Guepinia spathularia** Fries f. **alba** G. W. Martin in *Proc. Iowa Acad. Sci.*, l, p. 165, 1943 on fallen trunk of box elder [*Negundo aceroides*].—Iowa, U.S.A.
- Helicogloeae farinacea** (Höhn.) Rogers apud G. W. Martin in *Univ. Ia. Stud. nat. Hist.*, xviii, p. 66, 1944. (Syn. *Helicobasidium farinacea* Höhn.).
- Helotium erraticum** White in *Farlowia*, i, p. 606, 1944 on decayed leaves of frondose trees.—New York, U.S.A.
- **midlandense** White in *Farlowia*, i, p. 605, 1944 on old pods of *Gleditsia triacanthos*.—Iowa, U.S.A.
- Hygrophorus inocybiformis** A. H. Smith in *Mycologia*, xxxvi, p. 246, 1944.—Idaho, U.S.A.
- Hymenula pituitosa** Kirschstein in *Hedwigia*, lxxxi, p. 202, 1944 on dead *Urtica dioica*.—Germany.
- Hypholoma dispersum** [(Fr.) Qué.] var. **idahoense** A. H. Smith in *Mycologia*, xxxvi, p. 247, 1944.—Idaho, U.S.A.
- **olympianum** A. H. Smith in *Mycologia*, xxxvi, p. 248, 1944.—Washington State, U.S.A.
- **subochraceum** A. H. Smith in *Mycologia*, xxxvi, p. 250, 1944 on conifer logs.—Washington State, U.S.A.
- Irenina pittieri** (Toro) Garcés Orejuela in *Mycologia*, xxxvi, p. 434, 1944. (Syn. *Irenopsis pittieri* Toro).
- KARLINGIA** Johanson in *Amer. J. Bot.*, xxxi, p. 397, 1944.—Chytridiales.
- **rosea** (de Bary & Woronin) Johanson in *Amer. J. Bot.*, xxxi, p. 399, 1944. (Syn. *Chytridium roseum* de Bary & Woronin).

- Lachnea schieferdeckeri** Kirschstein in *Hedwigia*, lxxxi, p. 199, 1944 on soil.—Germany.
- Lagenidium reductum** (de Wildeman) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 80, 1942. (Syn. *Lagenidiopsis reducta* de Wildeman).
- Leccinum versipelle** (Fries apud Hök) Snell apud Slipp & Snell in *Lloydia*, vii, p. 58, 1944. (Syn. *Boletus versipellis* Fries apud Hök).
- LEIOTIGMA** Kirschstein in *Hedwigia*, lxxxi, p. 193, 1944.—Pyrenomyces.
- cerophila** Kirschstein in *Hedwigia*, lxxxi, p. 193, 1944 on old beeswax.—Germany.
- Lembosia perseae** Garcés Orejuela in *Mycologia*, xxxvi, p. 449, 1944 on *Persea*.—Colombia.
- Leotia aurantipes** (Imai) Tai in *Lloydia*, vii, p. 157, 1944. (Syn. *L. lubrica* f. *aurantipes* Imai).
- gracilis** Tai in *Lloydia*, vii, p. 161, 1944.—Yunnan, China.
- kunmingensis** Tai in *Lloydia*, vii, p. 160, 1944.—Yunnan, China.
- portentosa** (Imai & Minak) Tai in *Lloydia*, vii, p. 160, 1944. (Syn. *L. lubrica* f. *portentosa* Imai & Minak).
- Linderiella bicornata** (Lloyd) Cunningham, *The Gasteromycetes of Australia and New Zealand*, p. 100, [1944]. (Syn. *Laternea bicornata* Lloyd).
- pusilla** (Berk. & Curt.) Cunningham, *The Gasteromycetes of Australia and New Zealand*, p. 100, [1944]. (Syn. *Laternea pusilla* Berk. & Curt.).
- Matruchotia amygdalina** Rick in *Lilloa*, ix, p. 218, 1943 on bark.—South America.
- caesia** Rick in *Lilloa*, ix, p. 218, 1943 on decayed wood.—South America.
- elegans** Rick in *Lilloa*, ix, p. 217, 1943 on decayed wood.—South America.
- odontioidea** Rick in *Lilloa*, ix, p. 218, 1943 on decayed wood.—South America.
- perfecta** Rick in *Lilloa*, ix, p. 218, 1943 on decayed wood.—South America.
- Melampsora euphorbiae-geniculatae** Kern & Thurston in *Mycologia*, xxxvi, p. 507, 1944 on *Euphorbia geniculata*.—Venezuela.
- Melanoleuca angelesiana** A. H. Smith in *Mycologia*, xxxvi, p. 252, 1944.—Washington State, U.S.A.
- eccentrica** A. H. Smith in *Mycologia*, xxxvi, p. 251, 1944.—Washington State, U.S.A.
- Meliola antioquiensis** Garcés Orejuela in *Mycologia*, xxxvi, p. 435, 1944 on *Persea petiolaris*.—Colombia.
- coronata** Speg. var. **christianae** Deighton in *Mycol. Pap., Imp. Mycol. Inst.*, 9, p. 16, 1944 on *Christiana africana*.—Sierra Leone, W. Africa.
- sidae** Rehm var. **hibisci** (Hansf.) Deighton in *Mycol. Pap., Imp. Mycol. Inst.*, 9, p. 13, 1944. (Syn. *Irenopsis coronata* (Speg.) Stev. var. *hibisci* Hansf.).
- triumfettae** Stevens var. **glyphaeicola** Deighton in *Mycol. Pap., Imp. Mycol. Inst.*, 9, p. 20, 1944 on *Glyphaea lateriflora*.—Uganda, E. Africa.
- varroniae** Deighton in *Mycol. Pap., Imp. Mycol. Inst.*, 9, p. 22, 1944 on *Varronia*.—Puerto Rico.
- venezuelana** Garcés Orejuela in *Mycologia*, xxxvi, p. 437, 1944 on *Pithecolobium ligustrinum*.—Venezuela.
- xylosmicola** Garcés Orejuela in *Mycologia*, xxxvi, p. 438, 1944 on *Xylosma spiculiferum*.—Colombia.
- Mesophellia novae-zelandiae** Cunningham in *N.Z.J. Sci. Tech.*, xxii, p. 124B, 1941.—New Zealand.
- Metarrhizium glutinosum** Pope in *Mycologia*, xxxvi, p. 346, 1944 from deteriorated baled cotton.—Washington, D.C., U.S.A.
- Microglossum capitatum** Tai in *Lloydia*, vii, p. 147, 1944.—Yunnan, China.
- tetrasporum** Tai in *Lloydia*, vii, p. 147, 1944.—Yunnan, China.
- Microthyrium phoradendri** Garcés Orejuela in *Mycologia*, xxxvi, p. 442, 1944 on *Phoradendron*.—Colombia.
- rhombosporum** Garcés Orejuela in *Mycologia*, xxxvi, p. 443, 1944 on *Rapanea*.—Colombia.
- ***Mutinus caninus** (Pers.) Fries var. **albus** Zeller in *Mycologia*, xxxvi, p. 263, 1944.—Oregon, U.S.A.
- Mycosphaerella agrimoniae** Sydow in *Ann. mycol., Berl.*, xl, p. 200, 1942 on *Agrimonia eupatoria*.—Germany.
- davisii** F. R. Jones in *Mycologia*, xxxvi, p. 523, 1944 on *Melilotus*.—U.S.A.
- falcariae** Sydow in *Ann. mycol., Berl.*, xl, p. 202, 1942 on *Falcaria riviniae*.—Germany.
- Myxosporium carpineum** Kirschstein in *Hedwigia*, lxxxi, p. 200, 1944 on dead *Carpinus betulus*.—Germany.
- Neovossia horrida** (Takahashi) Padwick & Azmatullah Khan in *Mycol. Pap., Imp. Mycol. Inst.*, 10, p. 2, 1944. (Syn. *Tilletia horrida* Takahashi).
- Nephrochytium amazonense** Karling in *Mycologia*, xxxvi, p. 352, 1944 in decaying vegetable debris.—Brazil.
- NOTHOPANUS** Singer in *Mycologia*, xxxvi, p. 364, 1944.—'Tricholomataceae'. Type, *N. eugrammus*.
- eugrammus** (Mont.) Singer in *Mycologia*, xxxvi, p. 365, 1944. (Syn. *Agaricus eugrammus* Mont.).
- guadelupensis** (Pat.) Singer in *Mycologia*, xxxvi, p. 365, 1944. (Syn. *Xerotus guadelupensis* Pat.).
- vinosofuscus** (Bres.) Singer in *Mycologia*, xxxvi, p. 365, 1944. (Syn. *Xerotus vinosofuscus* Bres.).
- Olpidiopsis andreei** (Lagerheim) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 51, 1942. (Syn. *Pleotrachelus andreei* Lagerheim).
- gracilis** (Butler) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 47, 1942. (Syn. *Pseudolpidium gracile* Butler).
- pythii** (Butler) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 47, 1942. (Syn. *Pseudolpidium pythii* Butler).
- Parapeltella portoricensis** (Speg.) Garcés Orejuela in *Mycologia*, xxxvi, p. 449, 1944. (Syn. *Micropeltidium portoricense* Speg.).
- Parodiopsis bicoronata** Garcés Orejuela in *Mycologia*, xxxvi, p. 433, 1944 on *Inga*.—Colombia.
- Pellicularia biapiculata** D. P. Rogers apud G. W. Martin in *Lloydia*, vii, p. 71, 1944.—Brazil.
- digitata** D. P. Rogers apud G. W. Martin in *Lloydia*, vii, p. 72, 1944 on completely charred wood.—Panama.

- Peniophora gemmea** D. P. Rogers apud G. W. Martin in *Lloydia*, vii, p. 73, 1944.—Colombia.
- Pericladium piperii** (Zundel) Mundkur in *Mycologia*, xxxvi, p. 293, 1944. (Syn. *Xylosorium piperii* Zundel).
- Pezicula aesculea** Kirschstein in *Hedwigia*, lxxxi, p. 197, 1944 on *Aesculus hippocastanum*.—Latvia.
- ilicina** Kirschstein in *Hedwigia*, lxxxi, p. 197, 1944 on *Ilex aquifolium*.—Germany.
- PHAEOGYROPORUS** Singer in *Mycologia*, xxxvi, p. 360, 1944.—Boletaceae. Type, *P. braunii*.
- *—**braunii** (Bres. sensu Sing.) Singer in *Mycologia*, xxxvi, p. 360, 1944. (Syn. *Boletus braunii* Bres.).
- tropicus** (Rick) Singer in *Mycologia*, xxxvi, p. 360, 1944. (Syn. *Boletus tropicus* Rick).
- Phaeosphaerella calamagrostidis** Kirschstein in *Hedwigia*, lxxxi, p. 195, 1944 on old *Calamagrostis epigeios*.—Germany.
- Phakopsora antiquensis** (Cummins) Kern & Thurston in *Mycologia*, xxxvi, p. 508, 1944. (Syn. *Uredo antiquensis* Cummins).
- randiae** Kern & Thurston in *Mycologia*, xxxvi, p. 508, 1944 on *Randia armata*.—Venezuela.
- Phialophora compacta** (Carrión) Binford, Hess, & Emmons in *Arch. Derm. Syph.*, Chicago, xlix, p. 402, 1944. (Syn. *Hormodendrum compactum* Carrión).
- pedrosoi** (Brumpt) Binford, Hess, & Emmons in *Arch. Derm. Syph.*, Chicago, xlix, p. 402, 1944. (Syn. *Hormodendrum pedrosoi* Brumpt).
- Phleogena decorticata** (Schw.) G. W. Martin in *Univ. Ia. Stud. nat. Hist.*, xviii, p. 69, 1944. (Syn. *Onygena decorticata* Pers. ex Schw.).
- Pholiota carbonaria** A. H. Smith in *Mycologia*, xxxvi, p. 253, 1944.—California, U.S.A.
- kauffmaniana** A. H. Smith in *Mycologia*, xxxvi, p. 254, 1944.—Washington State, U.S.A.
- Phoma ibotae** Kirschstein nom. nov. in *Hedwigia*, lxxxi, p. 222, 1944. (Syn. *Phoma ligustrina* Sacc., non Thümen).
- Phyllachora abutilonis** Garcés Orejuela in *Mycologia*, xxxvi, p. 452, 1944 on *Abutilon*.—Colombia.
- clavata** Garcés Orejuela in *Mycologia*, xxxvi, p. 453, 1944 on *Myrica*.—Colombia.
- gynericola** Garcés Orejuela in *Mycologia*, xxxvi, p. 454, 1944 on *Gynerium saccharoides*.—Colombia.
- Phyllosticta solidaginicola** Greene in *Farlowia*, i, p. 573, 1944 on *Solidago serotina*.—Wisconsin, U.S.A.
- Physoderma claytoniana** Greene in *Farlowia*, i, p. 569, 1944 on *Claytonia virginica*.—Wisconsin, U.S.A.
- ***Platyglœa unisporea** Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 17, 1944 on old wood.—North Carolina, U.S.A.
- ***Pleurotus carolinus** Coker in *J. Elisha Mitchell sci. Soc.*, lx, p. 85, 1944 on bark of living cedar.—North Carolina, U.S.A.
- *—**crustus** Coker in *J. Elisha Mitchell sci. Soc.*, lx, p. 74, 1944 on bark of cedar poles.—North Carolina, U.S.A.
- *—**elegans** Coker in *J. Elisha Mitchell sci. Soc.*, lx, p. 74, 1944 on bark of living cedar.—North Carolina, U.S.A.
- Plicatura spodoleuca** (Berk. & Br.) Singer in *Lilloa*, viii, p. 444, 1942. (Syn. *Marasmius spodoleucus* Berk. & Br.).
- Polyphagus rostratus** (Serb.) Shen in *Amer. J. Bot.*, xxxi, p. 233, 1944. (Syn. *Sporophlyctis rostrata* Serbinov).
- Polyrhizon capparidis** Garcés Orejuela in *Mycologia*, xxxvi, p. 442, 1944 on *Capparis flexuosa*.—Venezuela.
- Proactinomyces aquosus** Turfitt in *J. Bact.*, xlvii, p. 490, 1944 in soils.—Great Britain.
- restrictus** Turfitt in *J. Bact.*, xlvii, p. 491, 1944 in soils.—Great Britain.
- Prosopidium aragatum** Kern & Thurston in *Mycologia*, xxxvi, p. 509, 1944 on *Bignoniaceae* (*Tabebuia*?).—Venezuela.
- cumminsii** Kern & Thurston in *Mycologia*, xxxvi, p. 509, 1944 on *Amphilophium paniculatum* var. *molle*.—Venezuela.
- Psathyrella subcernua** (Schulz.) Singer in *Mycologia*, xxxvi, p. 364, 1944. (Syn. *Agaricus subcernuus* Schulz.).
- PSEUDOCIBORIA** Kanouse in *Mycologia*, xxxvi, p. 460, 1944.—Helotiales.
- umbrina** Kanouse in *Mycologia*, xxxvi, p. 460, 1944 on decayed leaves of *Alnus*.—Washington State, U.S.A.
- Pseudonectria pachysandricola** Dodge in *Mycologia*, xxxvi, p. 536, 1944 on *Pachysandra terminalis*.—New York State, U.S.A.
- Pseudosphaerita radiata** (Dangeard) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 56, 1942. (Syn. *Sphaerita radiata* Dangeard).
- Pseudovalsa tropicalis** Wehmeyer apud G. W. Martin in *Lloydia*, vii, p. 67, 1944 on bark of large prostrate trunk.—Panama.
- Puccinia caricis** (Schum.) Rebert. var. *himalayensis* Barclay apud Padwick & Azmatullah Khan in *Mycol. Pap.*, *Imp. Mycol. Inst.*, 10, p. 9, 1944. On *Carex setigera*.—India.
- caricis-nubigenae** Padwick & Azmatullah Khan in *Mycol. Pap.*, *Imp. Mycol. Inst.*, 10, p. 8, 1944 on *Carex nubigena*.—India.
- chaetii** Kern & Thurston in *Mycologia*, xxxvi, p. 511, 1944 on *Chaetium festucoides*.—Venezuela.
- erianthi** Padwick & Azmatullah Khan in *Mycol. Pap.*, *Imp. Mycol. Inst.*, 10, p. 10, 1944 on *Erianthus fulvus*.—India.
- hilleriae** Kern & Thurston in *Mycologia*, xxxvi, p. 512, 1944 on *Hillieria secunda*.—Venezuela.
- mirandensis** Kern & Thurston in *Mycologia*, xxxvi, p. 514, 1944 on *Scleria secans*.—Venezuela.
- Pyrenochaeta putaminis** Kirschstein in *Hedwigia*, lxxxi, p. 200, 1944 on an old peach stone.—Germany.
- Pyrenopeziza agrimoniae** Sydow in *Ann. mycol.*, Berl., xl, p. 206, 1942 on *Agrimonia eupatoria*.—Germany.
- valerianae** Kirschstein in *Hedwigia*, lxxxi, p. 198, 1944 on old stems of *Valeriana sambucifolia*.—Germany.
- PYRRHOGLOSSUM** Singer in *Mycologia*, xxxvi, p. 367, 1944. 'Cortinariaceae'.
- pyrrhum** (Berk. & Curt.) Singer in *Mycologia*, xxxvi, p. 367, 1944. (Syn. *Agaricus pyrrhus* Berk. & Curt.).
- Rhabdospora spiraeina** Kirschstein in *Hedwigia*, lxxxi, p. 200, 1944 on *Spiraea opulifolia*.—Latvia.
- Rhizidiomyces hansonii** Karling in *Amer. J.*

- Bot.*, xxxi, p. 396, 1944 saprophytic in soil.—Brazil.
- Rhizidium braziliense** Karling in *Amer. J. Bot.*, xxxi, p. 254, 1944 in water.—Brazil.
- laeve** Karling in *Amer. J. Bot.*, xxxi, p. 254, 1944 from moist soil.—Brazil.
- nowakowskii** Karling nom. nov. in *Amer. J. Bot.*, xxxi, p. 255, 1944. (syn. *Nowakowski* (1876) sub *R. mycophilum* Braun).
- verrucosum** Karling in *Amer. J. Bot.*, xxxi, p. 255, 1944 in water.—Brazil.
- Rhizophydium coronum** Hanson in *Torreyia*, xlv, p. 31, 1944 on old grasses, &c.—Connecticut, U.S.A.
- Rhodophyllus squamifolius** (Murr.) Singer in *Lilloa*, viii, p. 515, 1942. (Syn. *Crinipellus squamifolia* Murr.).
- Rhodotorula incarnata** Ruiz in *An. Inst. Biol. Mex.*, xiii, p. 19, 1942 in 'aquamiel' and 'pulque' from *Agave*.—Mexico.
- Richionella pumila** Cunningham in *N.Z. J. Sci. Tech.*, xxii, p. 62B, 1940.—New Zealand.
- Russula novispora** Murrill in *Mycologia*, xxxvi, p. 309, 1944.—Florida, U.S.A.
- Saccoblastia gigaspora** Rick in *Lilloa*, ix, p. 217, 1943 on decayed wood.—South America.
- Schiffnerula robusta** Garcés Orejuela in *Mycologia*, xxxvi, p. 440, 1944 on *Rapanea*.—Colombia.
- Sebacina epigaea** (Berk. & Br.) Bourd. & Galz. var. **bicolor** Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 20, 1944 on rotten oak log.—North Carolina, U.S.A.
- obscura** G. W. Martin in *Lloydia*, vii, p. 70, 1944 on dead leaf stalk of date palm.—Panama.
- *—**sordida** Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 21, 1944 on old wood.—North Carolina, U.S.A.
- Septoria andropogonis** J. J. Davis var. **sorghastri** Greene & Sprague apud Greene in *Farlowia*, i, p. 576, 1944 on *Sorghastrum nutans*.—Wisconsin, U.S.A.
- thlaspii** Greene in *Farlowia*, i, p. 575, 1944 on *Thlaspi arvense*.—Wisconsin, U.S.A.
- Sirolpidium lagenidioides** (Petersen) Karling, *The simple holocarpic biflagellate Phycomycetes*, p. 66, 1942. (Syn. *Pontisma lagenidioides* Petersen).
- SMITHIOMYCES** Singer in *Mycologia*, xxxvi, p. 366, 1944.—'Leucocoprinaceae'.
- mexicanus** (Murr.) Singer in *Mycologia*, xxxvi, p. 366, 1944. (Syn. *Leucomyces mexicanus* Murr.).
- Sorosporium glutinosum** Zundel in *Mycologia*, xxxvi, p. 407, 1944 on *Heteropogon contortus*.—Mauritius.
- tanganyikeanum** Zundel in *Mycologia*, xxxvi, p. 408, 1944 on *Panicum repens*.—Tanganyika Territory.
- terrareginalense** Zundel in *Mycologia*, xxxvi, p. 409, 1944 on *Cymbopogon refractus*.—Queensland, Australia.
- texanum** Zundel in *Mycologia*, xxxvi, p. 409, 1944 on *Pennisetum nervosum*.—Texas, U.S.A.
- Sphaelotheca borealis** (Clinton) Schell. var. **chinensis** Zundel in *Mycologia*, xxxvi, p. 404, 1944 on *Polygonum hydropiper*.—Anhui Province, China.
- caricis-petitianae** Zundel in *Mycologia*, xxxvi, p. 404, 1944 on *Carex petitiiana*.—Belgian Congo.
- destruens** (Schlecht.) Stevenson & A. G. Johnson in *Phytopathology*, xxxiv, p. 613, 1944. (Syn. *Caeoma destruens* Schlecht.).
- linderii** Zundel in *Mycologia*, xxxvi, p. 405, 1944 on *Digitaria horizontalis*.—Belgian Congo.
- mauritiana** Zundel in *Mycologia*, xxxvi, p. 405, 1944 on *Stenotaphrum secundatum*.—Mauritius.
- nankingensis** Zundel in *Mycologia*, xxxvi, p. 406, 1944 on *Polygonum chinense*.—Anhui Province, China.
- stewartii** Mundkur in *Mycologia*, xxxvi, p. 290, 1944 on *Pennisetum flaccidum*.—India.
- tropico-africana** Zundel in *Mycologia*, xxxvi, p. 407, 1944 on *Polygonum*.—Belgian Congo.
- Sphaerella osmundicola** Kirschstein in *Hedwigia*, lxxxi, p. 194, 1944 on old *Osmunda regalis*.—Germany.
- Sphaerodothis merianiae** Garcés Orejuela in *Mycologia*, xxxvi, p. 455, 1944 on *Meriania nobilis*.—Colombia.
- Sphenospora kevorkianii** Linder in *Mycologia*, xxxvi, p. 464, 1944 on *Epidendrum difforme*.—Nicaragua.
- Sporodesmium heteromerum** Kirschstein in *Hedwigia*, lxxxi, p. 202, 1944 on *Juncus filiformis*.—Germany.
- Stemphylium consortiale** (Thüm.) Groves & Skolko in *Canad. J. Res.*, Sect. C, p. 196, 1944. (Syn. *Macrosporium consortiale* Thüm.).
- STREPTOMYCES** Waksman & Henrici in *J. Bact.*, xlv, p. 339, 1943, Actinomycetales.
- albus** (Rossi-Doria) Waksman & Henrici in *J. Bact.*, xlv, p. 339, 1943. (Syn. *Actinomyces albus* Rossi-Doria).
- Stypinella intermedia** Rick in *Lilloa*, ix, p. 216, 1943 on decayed wood.—South America.
- Suillus aeruginascens** (Secretan) Snell apud Slipp & Snell in *Lloydia*, vii, p. 25, 1944. [Syn. *Boletus aeruginascens* Secretan].
- americanus** (Peck) Snell apud Slipp & Snell in *Lloydia*, vii, p. 39, 1944. (Syn. *Boletus americanus* Peck).
- elegans** (Fries) Snell apud Slipp & Snell in *Lloydia*, vii, p. 27, 1944. (Syn. *Boletus elegans* Fries).
- granulatus** (L. ex Fries) Snell apud Slipp & Snell in *Lloydia*, vii, p. 32, 1944. (Syn. *Boletus granulatus* L. ex Fries).
- hirtellus** (Peck) Snell apud Slipp & Snell in *Lloydia*, vii, p. 23, 1944. (Syn. *Boletus hirtellus* Peck).
- hirtellus** (Peck) Snell var. **mutans** Peck ex Snell apud Slipp & Snell in *Lloydia*, vii, p. 23, 1944. (Syn. *Boletus hirtellus* Peck var. *mutans* Peck, nomen nudum).—Idaho, U.S.A.
- ? **subaureus** (Peck) Snell apud Slipp & Snell in *Lloydia*, vii, p. 30, 1944. (Syn. *Boletus subaureus* Peck).
- subluteus** (Peck) Snell apud Slipp & Snell in *Lloydia*, vii, p. 34, 1944. (Syn. *Boletus subluteus* Peck).
- ***Thecaphora solani** Barrus in *Phytopathology*, xxxiv, p. 714, 1944 in tubers of *Solanum andigenum*.—Venezuela.
- THYROTHECA** Kirschstein in *Hedwigia*, lxxxi, p. 215, 1944.—Pyrenomycetes.
- nyssae** (Berk. & Curt.) Kirschstein in *Hedwigia*, lxxxi, p. 215, 1944. (Syn. *Isothea nyssae* Berk. & Curt.).

- Tilletia rhei* Zundel in *Mycologia*, xxxvi, p. 410, 1944 on seeds of *Rheum franzenbachii*.—China.
- Tolyposporium ehrenbergii* (Kühn) Pat. var. *grandiglobum* Uppal & Patel in *Indian J. agric. Sci.*, xiii, p. 521, 1943 on *Sorghum purpureo-sericeum*.—India.
- **Tremella grandibasidia* Olive in *J. Elisha Mitchell sci. Soc.*, lx, p. 18, 1944 on bark.—North Carolina, U.S.A.
- Trichoglossum cheliense* Tai in *Lloydia*, vii, p. 153, 1944.—Yunnan, China.
- kunmingense* Tai in *Lloydia*, vii, p. 154, 1944.—Yunnan, China.
- longisporum* Tai in *Lloydia*, vii, p. 156, 1944.—Yunnan, China.
- persoonii* Tai in *Lloydia*, vii, p. 154, 1944.—Yunnan, China.
- sinicum* Tai in *Lloydia*, vii, p. 156, 1944.—Yunnan, China.
- tetrasporum* Sinden & Fitzpatrick var. *brevisporum* Tai in *Lloydia*, vii, p. 157, 1944.—Yunnan, China.
- yunnanense* Tai in *Lloydia*, vii, p. 154, 1944.—Yunnan, China.
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HOST INDEX

For Angiosperms, Gymnosperms, and Pteridophytes see under families, for animal hosts see under Insecta, Invertebrata other than Insecta, and Vertebrata.

ACANTHACEAE

- Blechum brownei*
Cercospora blechii

ACERACEAE

- Negundo aceroides*
Guepinia spathularia Fries f. *alba*

AMARYLLIDACEAE

- Hymenocallis* aff. *caribaea*
Aecidium hymenocallidis

ANACARDIACEAE

- Anacardium rhinocarpus*
Cercospora rhinocarpi

ANNONACEAE

- Annona purpurea*
Cercospora caracasensis

AQUIFOLIACEAE

- Ilex aquifolium*
Cryptospora ludwigiana
Pezizula ilicina

ARALIACEAE

- Hedera helix*
Ciliostira hederæ

ASCLEPIADACEAE

- Ibatia maritima*
Cercospora ibatiae

BETULACEAE

- Alnus*
Pseudociboria umbrina
Alnus crispa
Cercospora alni
Carpinus betulus
Myxosporium carpineum

BIGNONIACEAE

- Amphilophium paniculatum* var. *molle*
Prosopodium cumminsii
(*Tabebuia* ?)
Prosopodium araguatum

BOMBACACEAE

- Pachira insignis*
Cercospora pachiræ

BORAGINACEAE

- Varronia*
Meliola varroniae

BUXACEAE

- Pachysandra terminalis*
Pseudonectria pachysandricola

CAPPARIDACEAE

- Capparis flexuosa*
Polyrhizon capparidis
Cleome
Cercospora uramensis

COMBRETACEAE

- Conocarpus erectus*
Cercospora conocarpi

COMPOSITAE

- Carthamus tinctorius*
Alternaria carthami
Nassauvia lagascae
Uromyces nassauviae
Oliganthes (?) *hypochlora*
Uredo paraphysata
Solidago serotina
Phyllosticta solidaginicola

CONVOLVULACEAE

- Rivea hypocrateriformis*
Trochodium ajrekarî

CRUCIFERAE

- Raphanus sativus*
Alternaria raphani
Thlaspi arvense
Septoria thlaspii

CUCURBITACEAE

- Cyclanthera pedata*
Cercospora cyclantherae

CYPERACEAE

- Carex nubigena*
Puccinia caricis-nubigenae
Carex paniculata-spicata
Farysia ugandana
Carex petitiæ
Sphacelotheca caricis-petitiæ

CAREX setigera

- Puccinia caricis*
Kobresia laxa
Contractia kobresiae

Scleria secans

- Puccinia mirandensis*

DILLENIACEAE

- Curatella americana*
Cercospora chirguensis

DIPSACACEAE

- Morina longifolia*
Ustilago morinae

DIPTEROCARPACEAE

- Dipterocarpus crispatus*
Crinipellis dipterocarpi

EQUISETACEAE

- Equisetum hiemale*
Diplodina equisetigena

EUPHORBIACEAE

- Croton*
Bubakia venezuelana
Euphorbia geniculata
Melampora euphorbiae-geniculatae

FAGACEAE

- Fagus silvatica*
Trochila majalis
Quercus
Chalara quercina
Corticium conigenum
Quercus montana
Endoconidiophora variospora

FLACOURTIACEAE

- Xylosma spiculiferum*
Meliola xylosmicola

GRAMINEAE

- Amphilophis ischaemum*
Ustilago amphilophidis
Bouteloua curtipendula
Cercospora boutelouae
Calamagrostis epigeios
Phaeosphaerella calamagrostidis
Chaetium festucoides
Puccinia chaetii
Crinipellis pseudostipitaria subsp. *orientalis*
Cymbopogon refractus
Sorosporium terrareginalense
Digitaria horizontalis
Sphacelotheca linderii
Ustilago belgiana

GRAMINEAE (continued)

- Erianthus fulvus
 - Puccinia erianthi*
- Gynerium saccharoides
 - Phyllachora gynericola*
- Heteropogon contortus
 - Sorosporium glutinosum*
- Miscanthus
 - Ustilago morobiana*
- Oryzopsis munroi
 - Urocystis oryzopsidis*
- Panicum repens
 - Sorosporium tanganyikeanum*
- Pennisetum flaccidum
 - Sphacelotheca stewartii*
- Pennisetum nervosum
 - Sorosporium tezanum*
- Sorghastrum nutans
 - Septoria andropogonis* var. *sorghastri*
- Sorghum purpureo-sericeum
 - Tolyposporium ehrenbergii*
- Stenotaphrum secundatum
 - Sphacelotheca mauritiana*
- Stipa
 - Ustilago jacksonii* var. *ventanensis*

HIPPOCASTANACEAE

- Aesculus hippocastanum
 - Blennoxella canescens*
 - Pezicula aesculea*

INSECTA

- Sminthurides
 - Arthrobotrys entomopaga*
- INVERTEBRATA (other than Insecta)
- Nematodes
 - Arthrobotrys entomopaga*

JUNCACEAE

- Juncus filiformis
 - Sporodesmium heteromerum*

LABIATAE

- Blephilia ciliata
 - Cercosporia blephiliae*
- Hyptis
 - Cercospora hypticola*

LAURACEAE

- Litsea perrottetii
 - Crinipellis carecomoeis* var. *litseae*
- Persea
 - Lembosia perseae*
- Persea petiolaris
 - Meliola antioquiensis*

LEGUMINOSAE

- Astragalus glycyphyllus
 - Coniothyrium phomoides*
- Centrosema virginianum
 - Cercospora centrosemae*
- Gleditschia triacanthos
 - Helotium midlandense*
- Inga
 - Parodiopsis biconata*
- Lupinus
 - Fusarium oxysporum* f. *radicis-lupini*
- Lupinus angustifolius
 - Fusarium solani* f. *lupini*
- Melilotus
 - Mycosphaerella davisii*
- Pithecolobium ligustrinum
 - Meliola venezuelana*
- Poinciana
 - Cercospora poinciana*
- Robinia pseud-acacia
 - Abaphospora pachytheca*

Samanea saman

- Cercospora samanea*
- Vicia faba
 - Fusarium avenaceum* var. *fabae*

LILIACEAE

- Colchicum luteum
 - Urocystis colchici-lutei*
- Lilium longiflorum
 - Colletotrichum lilii*

LINACEAE

- Linum usitatissimum
 - Alternaria linicola*

LORANTHACEAE

- Phoradendron
 - Microthyrium phoradendri*
- Struthanthus
 - Cercospora struthanthi*

LYTHRACEAE

- Pehria compacta
 - Uredo pehriae*

MAGNOLIACEAE

- Liriodendron tulipifera
 - Endoconidiophora virescens*

MALPIGHIACEAE

- Bunchosia glandulifera
 - Cercospora bunchosiae*

MALVACEAE

- Abutilon
 - Phyllachora abutilonis*

MELASTOMACEAE

- Meriania nobilis
 - Sphaerodothis merianiae*
- Miconia squamulosa
 - Bagnisiopsis miconicola*
- Monochaetum
 - Cercospora monochaeti*

MUSACEAE

- Rauwolfia hirsuta
 - Cercospora rauwolfiae*

MYRICACEAE

- Myrica
 - Phyllachora clavata*
- Myrica gale
 - Valsa myricina*

MYRSINACEAE

- Rapanea
 - Microthyrium rhombisporum*
 - Schiffnerula robusta*

NYCTAGINEAE

- Salpianthus purpurascens
 - Cercospora boldoae*
 - Cercospora salpianthi*

OLEACEAE

- Ligustrum vulgare
 - Dendrophoma ligustrina*

ONAGRACEAE

- Fuchsia
 - Cercospora fuchsiae*

ORCHIDACEAE

- Epidendrum difforme
 - Sphenospora kevorkianii*

OSMUNDACEAE

- Osmunda regalis
 - Sphaerella osmundicola*

OXALIDACEAE

- Oxalis
 - Cercospora oxalidiphila*

PALMAE

- Phoenix dactylifera
 - Alternaria stemphylioides*

- PHYTOLACCACEAE
Hillieria secunda
Puccinia hillieriae
- PINACEAE
Cedrus
Pleurotus elegans
Picea canadensis
Aleurodiscus canadensis
- POLYGALACEAE
Bredemeyera lucida
Asterinella bredemeyerae
- MONNINA
Cercospora monninae
- SECURIDACEAE
Cercospora securidacae
- POLYGONACEAE
Fagopyrum esculentum
Cercospora fagopyri
- POLYGONUM
Sphacelotheca tropico-africana
Ustilago lycoperdiformis
- POLYGONUM CHINENSIS
Sphacelotheca nankingensis
- POLYGONUM HYDROPICUM
Sphacelotheca borealis var. *chinensis*
- RHEUM FRANZENBACHII
Tilletia rhei
- RHEUM WEBBIANUM
Ustilago stewartii
- PORTULACACEAE
Claytonia virginica
Physoderma claytoniana
- RANUNCULACEAE
Delphinium barbeyi
Entyloma wyomingense
- ROSACEAE
Agrimonia eupatoria
Mycosphaerella agrimoniae
Pyrenopeziza agrimoniae
- CRATAEGUS MONOGYNA
Abaphospora suecica
- GEUM TRIFLORUM
Cylindrosporium triflori
- SPIRAEA OPULIFOLIA
Rhabdospora spiraeina
- RUBIACEAE
Coutarea hexandrea
Aecidium coutareae
- Randia armata*
Phakopsora randiae
- SCROPHULARIACEAE
Rhinanthus minor
Doassansia rhinanthi
- Torenia fournieri*
Cercospora torenicola
- SOLANACEAE
Cestrum latifolium
Cercospora cestri
Hyoscyamus niger
Didymella hyoscyami
- Solanum*
Asterina solanacearum
Solanum andigenum
Thecaphora solani
- Solanum jaguara*
Cercospora jaguarensis
Solanum lanugiflorum
Cercospora lanugiflori
- TILIACEAE
Christiania africana
Meliola coronata Speg. var. *christianae*
Glyphaea lateriflora
Meliola triumfettiae var. *glyphaeicola*
- TOVARIACEAE
Tovaria pendula
Cercospora tovariae
- UMBELLIFERAE
Falcaria ravinia
Mycosphaerella falcariae
- URTICACEAE
Hymenula pituitosa
Urtica dioica
- VALERIANACEAE
Valeriana sambucifolia
Pyrenopeziza valerianae
- VERBENACEAE
Duranta mutisii
Cercospora durantae
- VERTEBRATA
Equus caballus
Actinomyces caballi
Homo sapiens
Acremonium cinnabarinum
Aspergillus septatus
- ZINGIBERACEAE
Elettaria cardamomum
Uredo elettariae

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